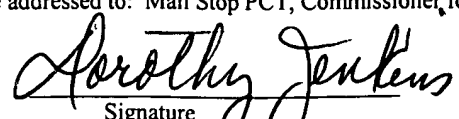


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|---|--|--|--|--|--|
| FORM PTO-1390<br>(REV. 2-2005)  |  | U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE                        |  | ATTORNEY'S DOCKET NUMBER<br><b>P/2107-278</b>    |  |
| <b>TRANSMITTAL LETTER TO THE UNITED STATES<br/>DESIGNATED/ELECTED OFFICE (DO/EO/US)<br/>CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>   |  |  |  | U.S. APPLICATION NO. (If known, see 37 CFR 1.5)  |  |
|   |  |  |  | <b>10/539781</b>                                 |  |
| INTERNATIONAL APPLICATION NO.<br><b>PCT/EP2003/014442</b>   |  | INTERNATIONAL FILING DATE<br><b>18 December 2003</b>                                 |  | PRIORITY DATE CLAIMED<br><b>18 December 2002</b> |  |
| TITLE OF INVENTION<br><b>EXTRACTION OF INGREDIENTS FROM BIOLOGICAL MATERIAL</b>   |  |  |  |  |  |
| APPLICANT(S) FOR DO/EO/US<br><b>Stefan FRENZEL et al</b>  |  |  |  |  |  |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:   |  |  |  |  |  |
| <ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.</li> <li>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</li> <li>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input checked="" type="checkbox"/> An <b>(Unexecuted)</b> oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li>10. <input checked="" type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol> |  |  |  |  |  |
| <b>Items 11 to 20 below concern other document(s) or information included:</b>  |  |  |  |  |  |
| <ol style="list-style-type: none"> <li>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>13. <input checked="" type="checkbox"/> A preliminary amendment.</li> <li>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76</li> <li>15. <input type="checkbox"/> A substitute specification.</li> <li>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</li> <li>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.</li> <li>18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</li> <li>19. <input type="checkbox"/> A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).</li> <li>20. <input checked="" type="checkbox"/> Other items or information (<i>specify</i>): <i>1 sheets of drawings; EFS form; postcard; Copy of 1<sup>st</sup> page of publication; PTO 1449 with 9 references, International Preliminary Examination Report with annexes</i></li> </ol>   |  |  |  |  |  |
| <b>EXPRESS MAIL CERTIFICATE</b>   |  |  |  |  |  |
| I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail Post Office to Addressee (mail label #EV606187804US) in an envelope addressed to: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313 1450, on June 17, 2005:   |  |  |  |  |  |
| Dorothy Jenkins   |  |  |  | June 17, 2005                                    |  |
| Name of Person Mailing Correspondence   |  |  |  | Date of Signature                                |  |

|   |              |   |  |  |              |
|---|--------------|---|--|--|--------------|
| U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5)<br><div style="font-size: 2em; font-weight: bold;">10/539781</div>   |              | INTERNATIONAL APPLICATION NO.<br>PCT/EP2003/014442                            |  | ATTORNEY'S DOCKET NUMBER<br>P/2107-278 |              |
|   |              |   |  | CALCULATIONS                           | PTO USE ONLY |
| The following fees have been submitted  |              |   |  | <b>\$300.00</b>                        |              |
| 21. <input checked="" type="checkbox"/> Basic national fee..... \$300   |              |   |  |  |              |
| 22. <input checked="" type="checkbox"/> Examination fee   |              |   |  | <b>\$200.00</b>                        |              |
| If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)..... \$100   |              |   |  |  |              |
| All other situations..... \$200   |              |   |  |  |              |
| 23. <input checked="" type="checkbox"/> Search fee  |              |   |  | <b>\$400.00</b>                        |              |
| Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority..... \$100  |              |   |  |  |              |
| International Search Report prepared and provided to the Office..... \$400  |              |   |  |  |              |
| All other situations..... \$500   |              |   |  |  |              |
| <b>TOTAL OF 21, 22 and 23 =</b>   |              |   |  | <b>\$900.00</b>                        |              |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.  |              |   |  | \$                                     |              |
| Total Sheets  | Extra sheets | Number of each additional 50 or fraction thereof (round up to a whole number) | RATE   |  |              |
| - 100 =   | /50 =        |   | x \$250  | \$                                     |              |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).  |              |   |  | \$                                     |              |
| CLAIMS  | NUMBER FILED | NUMBER EXTRA  | RATE   | \$                                     |              |
| Total Claims  | 17           |   | x \$ 50  | \$                                     |              |
| Independent Claims  | 1            |   | x \$200  | \$                                     |              |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable)   |              |   | + \$360  | \$                                     |              |
| <b>TOTAL OF ABOVE CALCULATIONS =</b>  |              |   |  | \$                                     |              |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.  |              |   |  | \$                                     |              |
| <b>SUBTOTAL =</b>   |              |   |  | <b>\$ 900.00</b>                       |              |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).   |              |   |  | \$                                     |              |
| <b>TOTAL NATIONAL FEE =</b>   |              |   |  | <b>\$ 900.00</b>                       |              |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by the appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +   |              |   |  | \$                                     |              |
| <b>TOTAL FEES ENCLOSED =</b>  |              |   |  | <b>\$ 900.00</b>                       |              |
|   |              |   |  | Amount to be refunded:                 | \$           |
|   |              |   |  | Amount to be charged:                  | \$           |
| a. <input checked="" type="checkbox"/> A check (check number <u>20493</u> ) in the amount \$900.00 to cover the above fees is enclosed.<br>b. <input type="checkbox"/> Please charge my Deposit Account No. 15-0700 in the amount of \$_____ to cover the above fees.<br>A duplicate copy of this sheet is enclosed.<br>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 15-0700. A duplicate copy of this sheet is enclosed.<br>NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status. |              |   |  |  |              |
| SEND ALL CORRESPONDENCE TO: Robert C. Faber<br>Ostrolenk, Faber, Gerb & Soffen, LLP<br>1180 Avenue of the Americas<br>New York, New York 10036-8402   |              |   | <div style="font-size: 1.5em; font-family: cursive;">Mark A. Farley</div><br>Mark A. Farley<br>Registration Number: 33,170      June 17, 2005<br>Telephone: (212) 382-0700 |  |              |